



BK-102

8K 1x2 HDMI™ Splitter (Downscaler)

DIMENSIONS & WEIGHT:

Length: 95mm/3.74in **Width:** 68mm/2.67in
Height: 18mm/0.70in **Weight:** 177g/6.24oz

The **BK-102** is a high-performance 1x2 HDMI splitter that mirrors one HDMI input to two displays. Supporting HDMI 2.1 and HDCP 2.3, it handles up to 8K@60Hz, 4K@120Hz, and 1080p@240Hz with 48Gbps bandwidth. It supports HDR10+, Dolby Vision, HLG, and gaming features like VRR, ALLM, QMS, QFT, and SBTM. Intelligent downscaling and HDR-to-SDR conversion ensure compatibility across displays. Audio formats include LPCM 7.1CH, Dolby TrueHD, Atmos, DTS-HD Master, and DTS:X. With EDID management and a plug-and-play design, the BK-102 is ideal for advanced home and commercial AV setups.

PACKAGE CONTENTS: 1x BK-102, 1x Power Adapter, User Manual

KEY FEATURES:

- HDMI 2.1 and HDCP 2.3 compliant** – Fully compatible with the latest high-resolution video and protected content standards.
- Resolutions up to 8K@60Hz and 4K@120Hz** – Enables ultra-HD video output for modern displays.
- 48Gbps video bandwidth** – Ensures high-speed, signal transmission for both video and audio.
- HDR10+, Dolby Vision, and HLG support** – Delivers enhanced contrast and color depth for vivid image quality.
- Supports VRR, ALLM, QMS, QFT, and SBTM** – Ideal for gaming with smoother motion, reduced latency, and dynamic refresh rate support.
- 8K to 4K and 8K/4K to 1080p downscaling** – Adapts output resolution to match connected displays for optimal performance.
- Automatic HDR to SDR conversion** – Ensures compatibility with non-HDR displays on both outputs.
- Advanced audio format support** – Passes LPCM 7.1CH, Dolby TrueHD, Dolby Atmos, DTS-HD Master, and DTS:X via HDMI.
- Advanced EDID management** – Allows customized configuration to match source and display requirements.
- Compact, plug-and-play design** – Simple setup with no software required, ideal for home or commercial use.

EXTENDING DISTANCE:

8K@60Hz	: 10 Feet
4K@60Hz	: 25 Feet
1080p@60Hz	: 30 Feet

VIDEO OUTPUT:

Video Bandwidth	: 48Gbps
Video Resolutions	: 8K@60Hz, 4K@120Hz, 1080p@240Hz

ADDITIONAL FEATURES

CEC Function	: No
ARC Function	: No
USB KVM Function	: No
PoC/PoE Function	: No
IR Control	: No
Downmix Function	: No
Downscale Function	: Yes
Over IP Function	: No
HDBaseT Function	: No
RS-232 Function	: No

AUDIO SUPPORT:

HDMI Audio Formats	: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
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POWER:

Power Consumption	: 4.3W (Max)
Power Supply:	Input : AC 100-240V 50/60Hz Output : DC 5V/2A

SPECIFICATIONS

CONNECTIVITY:

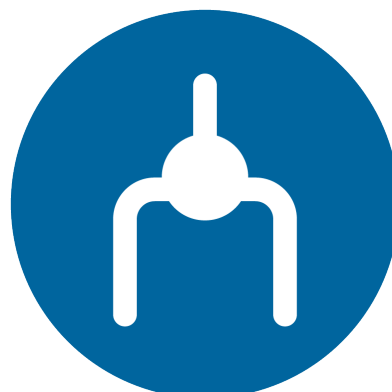
INPUT:	1 × HDMI [Type A, 19-pin female]
OUTPUT:	2 × HDMI [Type A, 19-pin female]
CONTROL:	1 × SERVICE [USB-C, Update port]

COMPLIANCES:

HDMI Compliance	: HDMI 2.1
HDCP Compliance	: HDCP 2.3

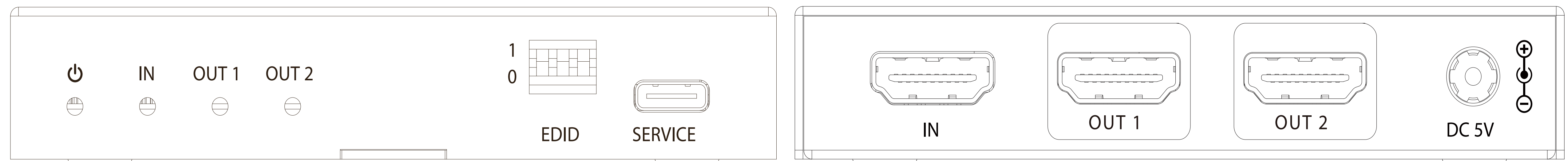
SUPPORTED HDMI CABLES:

HDMI 2.1	: We recommend using high quality HDMI 2.1 cables under 15 feet for optimum performance
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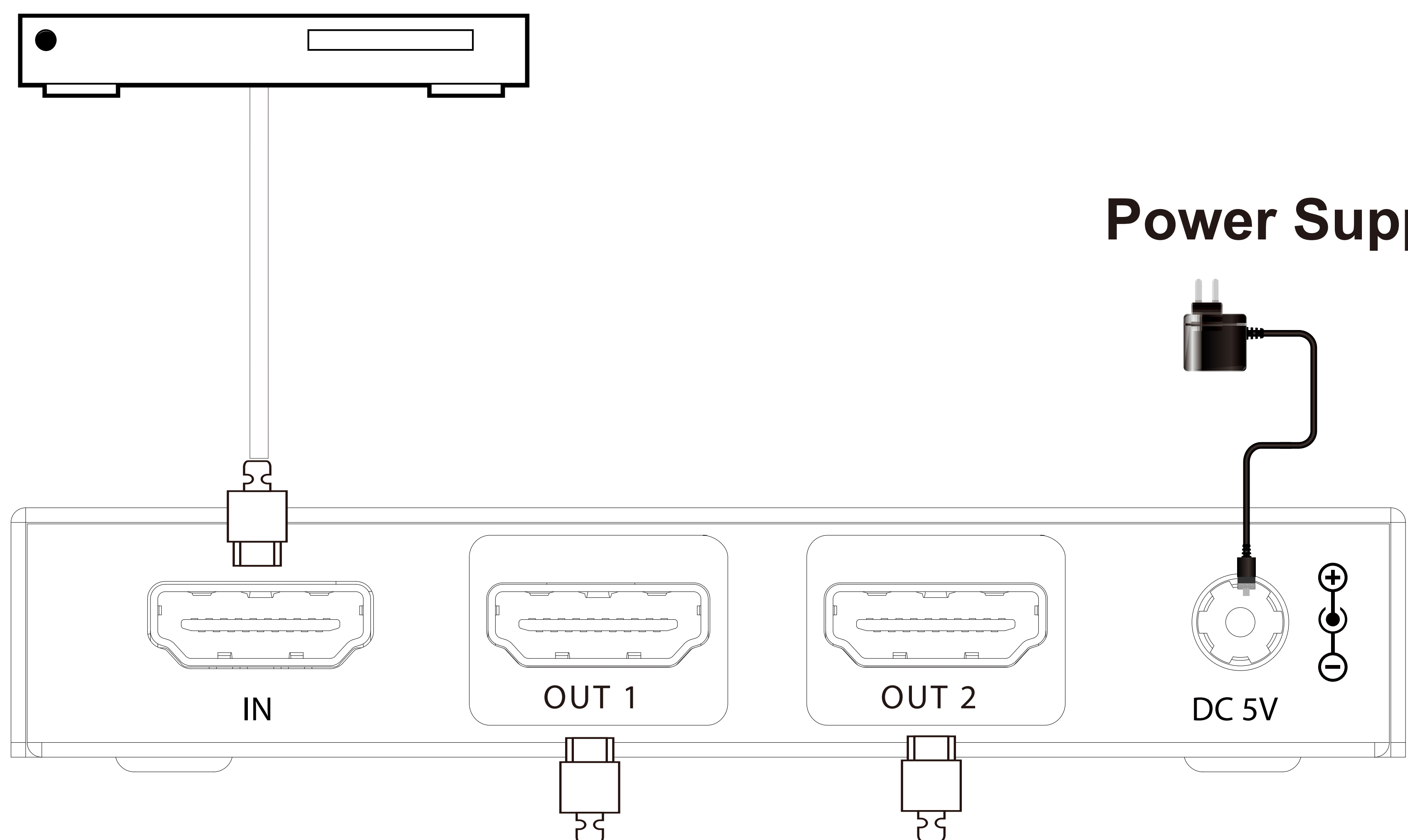




CONNECTION DIAGRAM



DVD or Blu-ray Player



8K TV 1

8K TV 2

OVER 10 YEARS
EXPERIENCE

